

Remarks

The non-final Office Action dated March 6, 2008 indicated that claims 1-8 stand rejected under U.S.C. § 103(a) over Min (U.S. Patent Pub. 2002/0089605, hereinafter the '605 reference) in view of Walker (U.S. Patent No. 6,928,233).

Applicant respectfully traverses the Section 103(a) rejection over the '605 reference in view of the '233 reference because the cited portions of the references do not teach or suggest the limitations as asserted in the Office Action, and because there is no motivation to combine the references. Generally, the cited background art described in the '605 reference is directed to displaying different television signals and is unrelated to display of information corresponding to data elements (*e.g.*, sporting statistics) and the related video data rendering for the same. Motivation is lacking because cited portions of the secondary '233 reference are inapplicable to the selection and display of one of two television channels in the primary reference. The following more particularly addresses these matters.

The '605 reference does not teach or suggest the claim limitations as asserted because the user selections are made relevant to a television channel, and because the Office Action's asserted "related data" is not used or processed in accordance with claim limitations directed to data elements as suggested in the Office Action. For example, the cited background discussion in the '605 reference describes a television system involving two analog tuners and one digital tuner for displaying television images from both analog and digital television signals, where sub-images are displayed as a user's direction (*e.g.*, a user selects a picture-in-picture channel for simultaneously display with another channel on a main screen). *See*, for example, paragraphs 0015 and 0021-0023 in the '605 reference. The asserted user selection in the '605 reference thus relates to the selection of television channels that are to be displayed and does not involve any use of "related data" in broadcast television programs as suggested in the Office Action. The '605 reference thus also does not calculate video in the context of the claimed invention (*e.g.*, for displaying non-video data such as statistical data).

Moreover, the asserted "filter" in the '605 reference is a SAW filter that is for "filtering a desired frequency band of the broadcasting signal selected from the ATSC tuner." In this regard, this filter sets the frequency band according to a television channel

to be tuned (see paragraph 0019-0020), and does not teach or suggest selecting a data element in a transport stream.

In addition to the above lack of correspondence as asserted in the '605 reference, the cited portions of the '233 reference, alone or in combination with the '605 reference, also fail to teach or suggest the claim limitations directed to the display of semantically-related images from different sources. For example, the cited portions of the secondary '233 reference, asserted as teaching the claimed display of information relating to semantically equal data elements, involve detecting a pattern in a single video signal reflecting semantics in that signal. There is no teaching or suggestion of any image display as related to the semantics detection. This pattern detection in a single video signal thus does not teach or suggest the claimed display of an output image for semantically-related data elements from different services. Moreover, because the asserted television channels in the '605 reference are not data elements as claimed, the Office Action has not asserted or shown how these channels could be or would be semantically related; the '233 reference discloses semantics detection in a single video signal and does not appear applicable to detecting any semantic relationship between information in different channels.

In view of the above, the '605 reference does not teach or suggest the selection of a data element or the calculation of an output image relating to a selected data element, and also does not teach or suggest a filter for selecting a data element on the basis of a user selection. The '233 reference, alone or in combination with the '605 reference, does not teach or suggest the claimed semantically-related information and related processing and image display as claimed. As there is no teaching or suggestion of all of the claim limitations of independent claims 1 and 8 (and accordingly of dependent claims 2-7), the Office Action has not established a *prima facie* case of obviousness, and Applicant requests that the Section 103 rejection be removed.

The Section 103 rejection is also improper because there is no motivation to modify the primary '605 reference to display semantically-related images because the cited teachings in the secondary '233 reference are inapplicable to the selection of different television channels. As discussed above, the '233 reference is directed to detecting semantically-related patterns in a single video signal, and grouping video and/or

audio segments based upon the same. In this regard, the Office Action's asserted motivation (for "displaying information faster") does not appear applicable to the proposed combination of references. In addition, the Office Action has cited no evidence in support of the alleged motivation that the proposed combination would display any information faster. In this regard, there is no motivation for combining the '065 and '233 references. Therefore, the Office Action has not established a *prima facie* case of obviousness, and Applicant requests that the Section 103 rejection be removed.

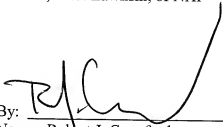
New claims 9-13 are allowable over the cited references for reasons stated above, in that the cited references fail to disclose the limitations in claim 1, from which claims 9 and 10 depend, and for which claims 11-13 share similar limitations. As discussed above, the cited references fail to disclose the selection of semantically related data-elements and the calculation and display of an image corresponding to the same. Support for these new claims may be found, for example, in the original claims as filed, in the figures and description, with particular examples described at paragraphs 0016-0017 and 0035-0043.

Applicant notes that minor amendments have been made to the claims to remove foreign-style (example) reference numerals. A minor amendment has been made to the Specification to correct a typographical error.

In view of the above, Applicant believes that each of the rejections/objections has been overcome and the application is in condition for allowance. Should there be any remaining issues that could be readily addressed over the telephone, the Examiner is asked to contact the agent overseeing the application file, Peter Zawilski, of NXP Corporation at (408) 474-9063.

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